

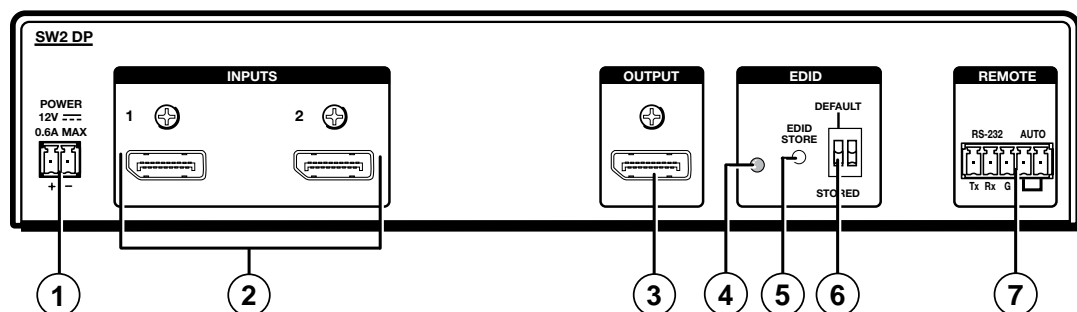
SW2 DP • Setup Guide

IMPORTANT:
Refer to www.extron.com for the complete user manual and installation instructions before connecting the product to the power source.

The Extron SW2 DP is a two input, one output, DisplayPort switcher that switches DisplayPort video and embedded multi-channel digital audio signals. The SW2 DP is HDCP-compliant and supports data rates up to 10.8 Gbps and computer resolutions up to 2560x1600 @ 60 Hz. This guide provides basic instructions for an experienced installer to set up and operate this switcher.

NOTE: For full installation, configuration, and operation details, see the *SW2 DP User Guide*, available at www.extron.com.

Rear Panel Features and Connections



- ① Power connector for 12 VDC, 1 A power supply
- ② DisplayPort input connectors
- ③ DisplayPort output connector
- ④ EDID Store LED
- ⑤ EDID Store button
- ⑥ EDID DIP switch
- ⑦ RS-232 and auto-switching connector

Installation Steps

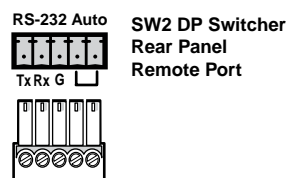
1. **Turn off all of the equipment** and disconnect it from the power source.
2. (Optional) **Mount the switcher** on a rack shelf or furniture.
3. **Connect DisplayPort sources** to one or both of the SW2 DP input connectors (② on the rear panel diagram above).
4. **Connect a DisplayPort output device** to the output connector (③).
5. **Connect control devices:** Connect your computer to either of the following SW2 DP communication ports to configure and control the switcher via SIS commands:

- **RS-232 port** — Connect the unterminated transmit, receive, and ground wires of an RS-232 cable to the first three pins on the provided 5-pole captive screw plug, as shown in the illustration at right. Connect the plug to the rear panel Remote shared connector (⑦).

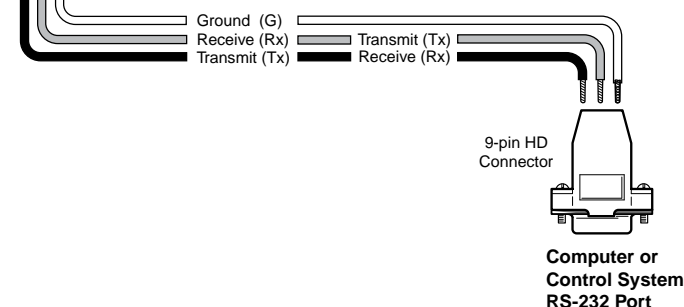
Connect the other end of the cable (terminated with the female 9-pin HD connector) to your computer serial port.

Protocol for the RS-232 port is 9600 baud, 8 data bits, 1 stop bit, no parity.

- **Config port** — Connect a USB A-to-mini B cable between a USB port on your computer and the front panel USB connector (⑤ on the front panel diagram on the next page) for USB control.



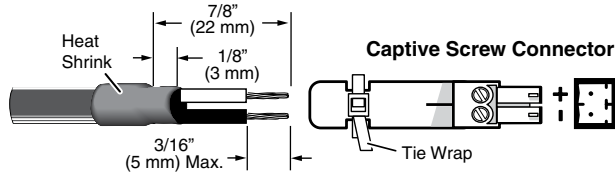
NOTE: If you use cable that has a drain wire, tie the drain wire to ground at both ends.



6. (Optional) **Enable auto-input switching.** Attach the 5-pole captive screw plug to the Remote connector (7 on the rear panel diagram on the previous page) if this was not done in step 5 for the RS-232 connection. Use a jumper wire to short pins 4 and 5 of the shared plug together (see the illustration at right).

When auto-input switching is in effect, the green Auto Switch LED on the front panel lights (1 on the diagram below).

7. If necessary, wire a 2-pole captive screw connector (provided) to your Extron power supply as shown below.

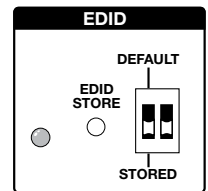


ATTENTION:

- The power supply must not be permanently fixed to the building structure or similar structures.
- The power supply must not be located within environmental air handling spaces or the wall cavity.

8. Set the rear panel EDID DIP switch (switch 1, on the left) as follows:

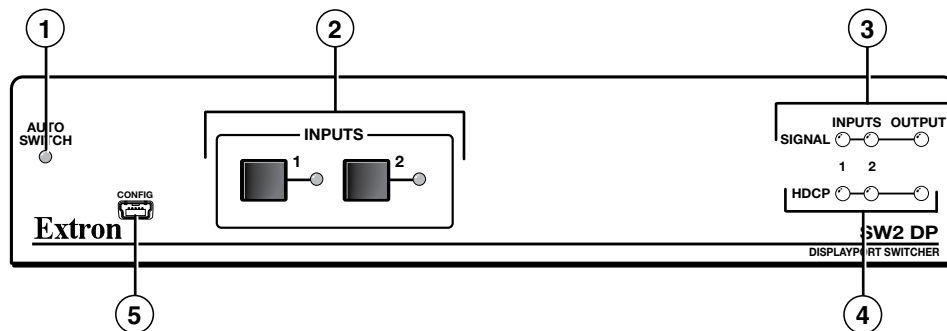
- Set the switch to Stored (down) if you want to store the EDID (resolution, refresh rate, and clocking rate) of the connected display at the SW2 DP output (see the illustration at right), then press the recessed EDID Store button. The EDID LED flashes amber, then lights steadily green when the EDID has been stored.
- Set the switch to Default (up) to select the Extron DisplayPort default EDID of 1920x1080 @ 60 Hz with 2-channel audio.



NOTE: DIP switch 2 (on the right) is not functional.

9. Power on the output display.
10. Connect power to the switcher.
11. Power on the source devices.

Front Panel Features



- ① Auto Switch LED
- ② Input Selection buttons
- ③ Signal Status LEDs
- ④ HDCP Status LEDs
- ⑤ USB Config port

Extron Headquarters +800.633.9876 Inside USA/Canada Only Extron USA - West +1.714.491.1500 +1.714.491.1517 FAX		Extron Europe +800.3987.6673 Inside Europe Only +31.33.453.4040 +31.33.453.4050 FAX	Extron Asia +800.7339.8766 Inside Asia Only +65.6383.4400 +65.6383.4664 FAX	Extron Japan +81.3.3511.7655 +81.3.3511.7656 FAX	Extron China +4000.EXTRON +4000.398766 Inside China Only +86.21.3760.1568 +86.21.3760.1566 FAX	Extron Middle East +971.4.2991800 +971.4.2991880 FAX	Extron Korea +82.2.3444.1571 +82.2.3444.1575 FAX	Extron India 1800.3070.3777 Inside India Only +91-80-3055.3777 +91 80 3055 3737 FAX
--	--	--	--	---	--	---	---	--